

TAPS ROW BOUNDARY LINE	----	LEGEND	
CENTERLINE OF TAPS PIPELINE ROW	=====	PIPELINE STATION	PL STA.
TAPS ROW ADDITION PARCEL 2019-09	=====	LATITUDE	LAT:
WESTERLY PERIMETER OF SUBMERGED LANDS	-----	LONGITUDE	LONG:
TIE LINE TO REFERENCE MONUMENT	-----	DIRECTION OF FLOW	DOF
FIXED AND LIMITED BOUNDARY	-----	HORIZONTAL DISTANCE	HD
ORDINARY HIGH WATER LINE	-----	REFER TO REFERENCE DOCUMENT	R#
TAPS ANGLE POINT MONUMENT	-----	RIGHT OF WAY	ROW
TAPS CONTROL POINT MONUMENT	-----	VERTICAL SUPPORT MEMBER	VSM
VERTICAL SUPPORT MEMBER	-----	TRANS-ALASKA PIPELINE SYSTEM	TAPS
ANGLE POINT	-----	AS MEASURED DISTANCE	AM
CENTERLINE	-----	TOWNSHIP # SOUTH	T#S
CONTROL POINT	-----	RANGE # WEST	R#W
	-----	FAIRBANKS MERIDIAN	F.M.

AP 294-10 (BENT 73)
EDM ASBUILT STA. 10519+93.2 (R4)
SET 10" STEEL SPIKE
ROW 214 G-100 A/S 37 (R3)
NAD27:
N 5018280.16
E 534591.13
NAD 83 PER CORPSCON
(VERSION 6.0.1) CONVERSION:
N 5018022.54
E 1674622.59
FIELD SURVEYED:
(TAPS LINE WIDE NAD83)
N 5018009.83
E 1674633.55
LAT: N067°43'40.6464"
LONG: W149°45'12.5601"

CP 235-143-388
STA. 10519+18.0
SET 12" STEEL SPIKE
FIELD SURVEYED:
(TAPS LINE WIDE NAD83)
N 5018083.17
E 1674585.59
LAT: N067°43'41.3699"
LONG: W149°45'13.9664"

CP 235-143-388
STA. 10520+00.0
SET 12" STEEL SPIKE
FIELD SURVEYED:
(TAPS LINE WIDE NAD83)
N 5017998.38
E 1674598.77
LAT: N067°43'40.5351"
LONG: W149°45'13.4633"

NGS OPUS SOLUTION NAD83 COORDINATE RESULTS:
CONTROL POINT "230-355-288" WAS OCCUPIED FOR THIS
OPUS SOLUTION PROCESS ON JULY 26, 2019.
CONTROL POINT (CP) 230-355-288
N= 5014117.38 E= 1676001.95
ANGLE POINT (AP) 294-10
N= 5018009.77 E= 1674633.58
ANGLE POINT (AP) 294-11
N= 5016682.38 E= 1674999.63
ANGLE POINT (AP) 295-1
N= 5016626.98 E= 1675022.05
ANGLE POINT (AP) 295-2
N= 5016279.52 E= 1675258.03
CONTROL POINT (CP) 235-143-388
N= 5017998.32 E= 1674598.80
CONTROL POINT (CP) 235-143-388
N= 5018083.11 E= 1674585.62

BASIS OF BEARINGS

BASIS OF BEARINGS FOR THIS PROJECT IS THE CENTERLINE OF THE
TRANS-ALASKA PIPELINE RIGHT OF WAY BETWEEN SET ANGLE POINT (AP)
294-11 AND SET ANGLE POINT (AP) 294-10 BEING N15°25'02"W WITH A
DISTANCE OF 1,376.94' (NAD 83 - ALASKA STATE PLANE, ZONE 4) AND
ALL BEARINGS SHOWN ARE RELATIVE TO THE BASIS OF BEARING.

REFERENCE DOCUMENTS USED

- R1. FIELD SURVEY PERFORMED BY MERRICK & COMPANY WITH GPS RTK
TECHNOLOGY:
DOCUMENTED ON 7/23/2019 IN FIELD BOOK 235-143 AT PAGES
25-27 & ON 7/26/2019 IN FIELD BOOK 235-143 AT PAGES 37-42.
- R2. TRANS-ALASKA PIPELINE MONUMENTATION SURVEY, ALSO KNOWN AS
"TAPS AL-00-G101" SHEET 37 OF 143, PREPARED AND PUBLISHED BY
OCEAN TECHNOLOGY LTD IN DECEMBER, 1978. RECORDED IN PLAT
BOOK 81-1 IN THE FAIRBANKS RECORDING DISTRICT.
- R3. TRANS-ALASKA PIPELINE RIGHT OF WAY 214 BOUNDARY REPORT,
VOLUME 4, A/S 36 TO A/S 43, G-100 ALIGNMENT SHEET 37. ALSO
KNOWN AS "ROW-214-3". COPYRIGHT 1997, 2004 BY ALYESKA
PIPELINE SERVICE COMPANY.
- R4. TRANS-ALASKA PIPELINE MAINLINE AS-BUILT SURVEY DATA (EDM) WITH A
RUN DATE OF APRIL 19, 2018 BY ALYESKA PIPELINE SERVICE COMPANY.

LEGEND

PIPELINE STATION	PL STA.
LATITUDE	LAT:
LONGITUDE	LONG:
DIRECTION OF FLOW	DOF
HORIZONTAL DISTANCE	HD
REFER TO REFERENCE DOCUMENT	R#
RIGHT OF WAY	ROW
VERTICAL SUPPORT MEMBER	VSM
TRANS-ALASKA PIPELINE SYSTEM	TAPS
AS MEASURED DISTANCE	AM
TOWNSHIP # SOUTH	T#S
RANGE # WEST	R#W
FAIRBANKS MERIDIAN	F.M.

NOTES

1. HISTORY: THIS AS-BUILT RECORD OF SURVEY REPRESENTS A POST-CONSTRUCTION
SURVEY OF A RIGHT OF WAY LEASE AMENDMENT TO ADL 63574 PARCEL 2019-09
ADDITION, A RIGHT OF WAY LEASE FOR THE TRANS ALASKA PIPELINE SYSTEM. THE
RIGHT OF WAY AMENDMENT WAS INITIATED IN 2019 FOR THE INSTALLATION OF TAPS
APPURTENANCES OUTSIDE THE PRIOR RIGHT OF WAY BOUNDARIES INCLUDING ON LANDS
CLAIMED BY THE STATE UNDER THE SUBMERGED LANDS ACT AND EQUAL FOOTING
DOCTRINE.
2. POST-CONSTRUCTION STATEMENT: THIS AS-BUILT IS INTENDED TO DEPICT THAT
PORTION OF THE AMENDED RIGHT OF WAY LEASE AS IT PERTAINS TO STATE LAND AND
IS NOT TO BE PRESUMED TO PLAT OR DEDICATE THOSE PORTIONS PERTAINING TO
NON-STATE LANDS. THIS AS-BUILT IS NOT INTENDED TO BE USED TO RE-ESTABLISH
PROPERTY BOUNDARIES. EXCEPT AS INDICATED, NO ENCROACHMENTS EXIST WITHIN
PERMITTED AREA.
3. RECORD OF SURVEY NOTE: THIS SURVEY DOES NOT CONSTITUTE A SUBDIVISION AS
DEFINED BY A.S. 40.15.900 (5) (A).
4. THE BASIS OF COORDINATES IS CONTROL POINTS (CP) 230-355-288 & 235-143-388

NOTES

AS SHOWN HEREON, CP 230-355-288 & 235-143-388 POSITIONAL DATA WAS
DERIVED FROM HIGH PRECISION TRIMBLE SURVEY EQUIPMENT. ALL COORDINATES SHOWN
HEREON IS ALASKA STATE PLANE NAD 83, ZONE 4 FROM GPS STATIC PROCEDURES IN
THE FIELD.

5. BASIS OF BEARING IS A GRID BEARING BASED BETWEEN THE RECORD ANGLE POINTS
294-10 AND 294-11. ANGLE POINTS WERE COMPUTED FROM POSITIONS OF FOUND AND
SURVEYED REFERENCE MONUMENTS SHOWN HEREON. FOR GRID BEARING, GRID DISTANCE
AND GROUND DISTANCE SEE BASIS OF BEARING NOTE AND INFORMATION ON DRAWING.
ALL MEASURED BEARINGS SHOWN ARE GRID, ASP ZONE 4, BEARINGS AND DISTANCES
UNLESS OTHERWISE SPECIFIED.
6. ALL DISTANCES ARE ALASKA STATE PLANE ZONE 4, NAD 83 DISTANCES UNLESS
OTHERWISE NOTED. TO ADJUST ALL DISTANCES TO HORIZONTAL GROUND DISTANCES,
MULTIPLY ALL DISTANCES WITH A COMBINED SCALE FACTOR OF 1.00010169.
7. CONVENTIONAL CLOSURE: THE ERROR OF CLOSURE FOR THIS SURVEY IS NOT GREATER
THAN 1:5000.

NOTES

OWNER:
U.S.A.

NOTES

LANDS ABOVE O.H.W.
153,642 SQ FT ± (3.53 ACRES ±)

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OWNER:
U.S.A.

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FIXED AND LIMITED BOUNDARY AS OF
FIELD SURVEY ON JULY 26TH, 2019

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POINT OF
BEGINNING

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